

---

FIFTY-FIRST

---

# ANNUAL CONVOCATION



*Northern Alberta Jubilee Auditorium*

---

MAY, 1961

---

## THE PRESENTATION

The Dean of the Faculty of Arts and Science asks the candidates for degrees to rise, and presents them with these words:

"Eminent Chancellor and President, on behalf of the Faculties, I present to you these scholars and ask that they be pledged and admitted to the degrees to which they are entitled."

## THE PLEDGE

The President, then rising, addresses the candidates in these words:

"Do you promise faithfully to observe and loyally to maintain the statutes, customs, privileges and liberties of this your University? Do you pledge your honour that when you become a member of Convocation you will vote only for those whom you surely know or firmly believe to be fit and proper persons to share in the government of this University? Do you solemnly promise to conduct yourself in all things loyally and faithfully to the honour of your University, the encouragement of learning and the good of your country?"

Each candidate replies: "These things I pledge myself to do."

## THE ADMISSION

The Chancellor then addresses the candidates in these words:

"By virtue of the authority vested in me by the Legislature of this Province, and with the consent of this University, I admit you to the degrees to which you are entitled, and invest you with all the powers, rights and privileges pertaining to such degrees, and I charge you to use them for the glory of God and honour of your country."

Candidates then sit down.

# *University of Alberta*

## FIFTY-FIRST ANNUAL CONVOCATION

for the

CONFERRING OF DEGREES



TWO O'CLOCK, THURSDAY AFTERNOON

MAY THE TWENTY-FIFTH

NINETEEN HUNDRED AND SIXTY-ONE

NORTHERN ALBERTA JUBILEE AUDITORIUM

EDMONTON, ALBERTA

# *Program*

---

## ACADEMIC PROCESSION

### O CANADA

### THE INVOCATION

Brother Prudent, F.S.C., B.A., B.Paed., M.A.

### REPORT OF THE PRESIDENT TO CONVOCATION

### CONFERRING OF HONORARY DEGREE OF DOCTOR OF LAWS

The Honorable John Percy Page, B.A., B.C.S.

Presented by Dr. C. M. Macleod, Q.C.

Harrison Scott Brown, B.S., Ph.D.

Presented by Professor H. E. Gunning

Gerhard Herzberg, M.A., Dr. Ing., LL.D., D.Sc., F.R.S.C., F.R.S. (London)

Presented by Professor H. Grayson-Smith

The Honorable Mr. Justice Hugh John Macdonald, B.A., LL.B.

Presented by Dr. S. H. McCuaig, Q.C.

George Polya, Ph.D., D.Sc.

Presented by Professor E. S. Keeping

Wilfred Rusk Wees, M.A., M.Ed., Ph.D.

Presented by Dr. G. F. McNally

### CONVOCATION ADDRESS

Dr. W. R. Wees

### PRESENTATION OF DIPLOMAS

### CONFERRING OF DEGREES

The Presentation

The Pledge

The Admission

### GOD SAVE THE QUEEN

### RECESSION

---

Music by the band of Princess Patricia Light Infantry under the direction of Captain H. A. Jeffrey, A.R.C.M., L.G.S.M., by kind permission of Lieut.-Col. C. J. A. Hamilton, M.B.E., C.D., Commanding Officer, Second Battalion, Princess Patricia's Canadian Light Infantry.

## *Awards*

The place mentioned after each prize winner's name is that in which his home is located.

### AWARDS TO GRADUATING STUDENTS

#### THE FACULTY OF ARTS AND SCIENCE

##### *The Governor General's Gold Medal*

Robert Alister MacLeod, Edmonton

##### *The Lieutenant Governor's Gold Medal*

Ellie Swart, Calgary

##### *The Faculty of Arts and Science Gold Medals*

In the B.A. program: Donna Marie Gunning, Edmonton

In the B.Sc. program: Joe Thomas Roy Clarke, Edmonton

##### *The Hamilton Watch Company Award*

Constance Marguerite Glow, Calgary

##### *The Encyclopaedia Britannica Scholarship in Arts and Science*

Douglas Gary Scraba, Lacombe

#### THE FACULTY OF AGRICULTURE

##### *The Alberta Institute of Agrologists Gold Medal*

Rueben Eugen Huber, Olds

##### *The Western Canadian Society for Horticulture Prize*

Albert de Leeuw, Edmonton

#### THE FACULTY OF COMMERCE

##### *The T. Eaton Company Gold Medal in Commerce*

William David Howell, Calgary

##### *The Hudson's Bay Company Gold Medal in Commerce*

Not awarded

##### *The Institute of Chartered Accountants of Alberta Prize in Third Year Commerce*

William David Howell, Calgary

#### THE FACULTY OF EDUCATION

##### *The Clarence Sansom Memorial Gold Medal in Education*

Kathleen Isabelle Kennedy, Red Deer

##### *The Edmonton Home Economics Association Prize*

Vera Alice Cameron, Edmonton

## THE FACULTY OF ENGINEERING

### *The Henry Birks and Sons Gold Medal in Engineering*

Alan John Rolfe, Ottawa

### *The Association of Professional Engineers of Alberta Gold Medals*

In Chemical Engineering: Orville Cecil Sandall, Halkirk

In Civil Engineering: Ernest Andrew Portfors, Hanna

In Electrical Engineering: Alan John Rolfe, Ottawa

In Engineering Physics: Leslie Edward Ballentine, Irma

In Mechanical Engineering: Gordon Walter Bigg, Edmonton

In Metallurgical Engineering: Malcolm John Bibby, Edmonton

In Mining Engineering: Not awarded

In Petroleum Engineering: Richard James Hamilton, Edmonton

### *The Society of Chemical Industry Merit Award*

Orville Cecil Sandall, Halkirk

### *The Encyclopaedia Britannica Scholarship in Engineering*

Robert Earl Bowser, Edmonton

### *The Northern Alberta Branch of the Canadian Institute of Mining and Metallurgy Prizes*

Mining: Claudio Guarnaschelli, Calgary

Metallurgy: Malcolm John Bibby, Edmonton

Geology: Hung Kan William Lee, Edmonton

Petroleum: Not awarded

### *The Oilfield Technical Society Prize*

Richard James Hamilton, Edmonton

### *The Jessie E. Paull Memorial Prize*

Helmut Keith Walker, Edmonton

### *The Webb Memorial Student Paper Competition*

First: Donovan Roy Walker, Edmonton

Second: Arthur Barry Irvine, Edmonton

Third: Edwin Eric Couves, Edmonton

## THE SCHOOL OF HOUSEHOLD ECONOMICS

### *The Warren W. and Ida E. Prevey Memorial Gold Medal in Household Economics*

Lora Louise Bacon, North Edmonton

### *The Lorena Barfoot Prize in Household Economics*

Violet Rosemarie Wenger, Egremont

## THE FACULTY OF LAW

### *The Horace Harvey Gold Medal in Law*

Bernard Leo Adell, Edmonton

### *The George Bligh O'Connor Silver Medal in Law*

Not awarded

### *The Honorable Clinton J. Ford Shields*

Samuel Richards Baker, Cardston

Robert Arthur Lundrigan, Cardston

*The Raymond James Memorial Prize in Law*

Not awarded

*The National Trust Prize in Law*

Douglas Esmond Sanders, Edmonton

*The Morris and Naomi Schoctor Memorial Prize in Law*

Samuel Richards Baker, Cardston

*The Carswell Prize in the Faculty of Law*

In the third year: Douglas Esmond Sanders, Edmonton

#### **THE FACULTY OF PHARMACY**

*The Alberta Pharmaceutical Association Gold Medal in Pharmacy*

Rose Marianne Gebauer, Coaldale

*The Prize for Pharmaceutical Research*

Janet Emiko Russell, Edmonton

*The Canadian Pharmaceutical Association Prize*

Lorraine Darling M. Schultz, Bashaw

#### **THE SCHOOL OF PHYSICAL EDUCATION**

*The Alumni Gold Medal in Physical Education*

James Lea Hodgson, Hythe

#### **DEPARTMENTAL AWARDS**

##### **BIOCHEMISTRY**

*The Society of Chemical Industry Merit Award*

Not awarded

##### **BOTANY**

*The J. E. Olsen Prize*

Lucille Jeanette Salt, Lethbridge

##### **CHEMISTRY**

*The Professor Osman James Walker Memorial Scholarship*

Lorne William Hollingshead, Calgary

*The Cave and Company Ltd. Scholarship in Chemistry*

Edward Brock Robertson, Calgary

*The Society of Chemical Industry Merit Award*

Edward Brock Robertson, Calgary

*The Dr. O. J. Walker Memorial Prize*

Larry Patrick Milligan, Okotoks and Verner Henry Paetkau, Coaldale (equal)

##### **CLASSICS**

*The Senior Greek Prize*

Gregor Roetker, Calgary

##### **ENGLISH**

*The Rutherford Memorial Gold Medal in English*

Not awarded

## ENTOMOLOGY

*The Entomological Society of Alberta Prize*  
Gordon Pritchard, England

## FINE ARTS

*The Eva Shaw Memorial Prize in Music*  
Kathleen Lynne Newcombe, Edmonton

## GEOGRAPHY

*The Canadian Association of Geographers' Book Prize*  
Robert Francis Windsor, Edmonton

## GEOLOGY

*The Association of Professional Engineers of Alberta Gold Medal in Geology*  
Donald Allan Scott, Edmonton

*The Alberta Society of Petroleum Geologists' Prize in Stratigraphy*  
Glen Edward Steen, Edmonton

*The George E. Cole Memorial Prize in Economic Geology*  
Jay Gordon Scott, Vulcan

## HISTORY

*The Gordon Stanley Fife Memorial Prize*  
Ian Kenneth Steele, Edmonton

*The John Henry Stanley Memorial Prize*  
Audrey Margaret McBrien, Stettler

*The Trenholme Dickson and Letitia S. Dickson Prize*  
Elaine L. Staniland, Edmonton

## MATHEMATICS

*The A. Wyman Memorial Gold Medal in Mathematics*  
Robert Alister MacLeod, Edmonton

*The Cyril G. Wates Memorial Prize*  
Tom Emil Chmilar, Newbrook

## MODERN LANGUAGES

*The Bronze Medal in French*  
Michel Kalinowsky, Edmonton

## PHILOSOPHY AND SOCIOLOGY

*The MacEachran Gold Medal in Philosophy*  
Not awarded

*The Samuel M. Strong Gold Medal and Prize in Sociology*  
Not awarded

## PHYSICS

*The Sam Fefferman Memorial Gold Medal in Honors Physics*  
Cary Nathan Davids, Ralston

## POLITICAL ECONOMY

*The Duncan Alexander MacGibbon Gold Medal in Political Economy*

Not awarded

## PSYCHOLOGY

*The MacEachran Gold Medal in Psychology*

Gordon Neville Hobson, Edmonton

## FIRST CLASS STANDING AND HONOR PRIZES

In the following list of students those whose names are marked with an asterisk (\*) have qualified for University of Alberta Honor Prizes. Those whose names are not so marked have qualified for the University of Alberta First Class Standing Prizes.

### *Faculty of Arts and Science*

#### *Honor Courses*

#### Fourth Year:

Charles B. Crawford, High Prairie  
\*Cary N. Davids, Ralston  
C. Marguerite Glow, Calgary  
Gordon N. Hobson, Edmonton  
Duncan H. Hunter, Edmonton  
\*Robert A. MacLeod, Edmonton  
Bruce W. Maxfield, Edmonton  
William A. Murray, Edmonton  
\*Lawrence A. Mysak, Edmonton  
\*W. Keith Nicholson, Vegreville

John Polowek, Edmonton  
E. Brock Robertson, Calgary  
Gregor Roetker, Calgary  
Donald A. Scott, Edmonton  
Ian K. Steele, Edmonton  
Glen E. Steen, Edmonton  
Johann Steiner, Banff  
\*Ellie Swart, Calgary  
James V. Zidek, Forest Lawn

#### *General Courses*

#### Third Year:

Joanne E. V. Angus-Smith, Calgary  
Joe T. R. Clarke, Edmonton  
Karen E. Grove, Edmonton

Donna M. Gunning, Edmonton  
Larry P. Milligan, Okotoks

#### *Diploma in Art*

#### Fourth Year:

None

#### *Bachelor of Music*

#### Third Year:

Wolfgang H. O. Bottenberg, Calgary

K. Lynne Newcombe, Edmonton

### *Faculty of Agriculture*

#### Fourth Year:

Albert de Leeuw, Edmonton  
\*Rueben E. Huber, Olds  
\*Alexander F. McCalla, Edmonton

Allan A. Warrack, Langdon  
John W. Yorgason, Claresholm

### *Faculty of Commerce*

#### Third Year:

None

### *Faculty of Education*

#### Fourth Year:

\*Shawne Allen, Calgary  
\*Anne H. de Leeuw, Edmonton  
Kathleen I. Kennedy, Red Deer

John C. MacDonnell, Cochrane  
Donald I. Torstensen, Millet

### *Faculty of Engineering*

#### Fourth Year:

\*Leslie E. Ballentine, Irma  
Malcolm J. Bibby, Edmonton  
Gordon W. Bigg, Edmonton  
Mike Boyko, Edmonton

Denis A. Davis, Calgary  
Peter Dernick, Edmonton  
Gordon C. Domeier, Lethbridge  
Wallace B. Foss, Lethbridge

Ralph C. G. Haas, Edmonton  
 Richard J. Hamilton, Edmonton  
 Ray J. Hannley, Edmonton  
 \*Ronald H. Johnston, Drumheller  
 Glenson T. Jones, Edmonton  
 \*De Mitro Mykitiuk, Edmonton  
 Donald H. A. Pirot, Edmonton

\*Ernest A. Portfors, Hanna  
 \*Alan J. Rolfe, Ottawa  
 \*Orville C. Sandall, Halkirk  
 Frank Stenger, Warburg  
 William P. Truch, Coleman  
 Helmut K. Walker, Edmonton

### *School of Household Economics*

Third Year:  
 None

### *Faculty of Law*

Third Year:  
 None

### *School of Nursing*

Fifth Year:

Marilyn I. Assheton-Smith, Ferintosh  
 Helena M. Fitzgerald, Edmonton

Jacqueline A. Maxwell, Calgary

*Diploma in Teaching and Supervision:*  
 None

*Diploma in Public Health:*  
 None

### *Faculty of Pharmacy*

Third Year:

Rose M. Gebauer, Coaldale  
 Janet E. Russell, Edmonton

Lorraine D. M. Schultz, Bashaw  
 Barbara A. Short, Edmonton

### *School of Physical Education*

Third Year:  
 None

## EXTRA-CURRICULAR AWARDS

### *The Maimie Shaw Simpson Trophy*

Betty J. Robertson, Edmonton

### *The Joseph Dolson Oliver Mothersill Memorial Scholarship*

Alexander F. McCalla, Edmonton

### *The Florence E. Dodd Prize*

Lorraine M. Smallwood, Irma

## GRADUATE AWARDS

The following awards are open in two or more Fields of Study:

### *University of Alberta Graduate Fellowship*

Yves F. Zoltvany, Montreal (History)

### *Province of Alberta Graduate Fellowships*

Ernest W. Gorecki, Edmonton (Chemistry)  
 Thomas B. Greenfield, Vancouver  
 (Ed. Admin.)

John L. Weiner, Illinois (Geology)

### *Province of Alberta Graduate Scholarships*

Donald G. Bellow, Edmonton (Mech.  
 Engr.)  
 Samuel Braverman, Israel (Chemistry)  
 Richard H. Enns, Edmonton (Physics)  
 John W. Griedanus, Edmonton (Chemistry)  
 Clarence M. Grieve, Manitoba (An. Sc.)

Gordon N. Hobson, Edmonton (Psych.)  
 J. Barry Jones, Edmonton (Pol. Sc.)  
 Erwin Miklos, Edmonton (Ed. Admin.)  
 Earl R. V. Milton, Edmonton (Chemistry)  
 Lloyd W. West, Edmonton (Ed. Psych.)

*The Francis F. Reeve Foundation Graduate Bursaries*

John E. H. Conder, Calgary (Economics)  
Robert W. Jenkins, Vancouver (Physics)

George W. Poling, Edmonton (Metallurgy)

*The Francis F. Reeve Foundation Intercession Bursaries*

A. James Black, Edmonton (English)  
Howard J. Luke, Edmonton (English)  
David R. Olson, Edmonton (Ed. Psych.)  
Michael E. J. Orme, Edmonton (Ed. Psych.)  
Peter D. Seary, Newfoundland (English)

Michael Skuba, Smoky Lake (Ed. Admin.)  
Adriana N. Slaniceanu, Edmonton (Modern Languages)  
Carl M. Wallace, Edmonton (History)  
Bruce W. Wilkinson, Edmonton (Economics)

*Friends of the University Intercession Scholarships*

R. Wayne Lalor, Innisfail (Phys. Ed.)

Jean A. Young, Edmonton (Elem. Ed.)

*University of Alberta Alumni Association Intercession Bursary*

Derril C. Butler, Edmonton (English)

*The C.I.L. Fellowship*

E. Brock Robertson, Calgary (Chemistry)

*The Shell Oil Fellowship*

Orville C. Sandall, Halkirk, (Chem. Engr.)

*The Cominco Fellowship*

Deferred

*Cities Service Fellowship*

Thomas K. Alexander, Ontario (Physics)

*The Robert Tegler Research Scholarship*

Gordon Kay Greene, Edmonton (Philosophy)

*The Stapells Graduate Scholarship*

Roderick Douglas Fraser, Calgary (Economics)

*The Henry Marshall Tory Memorial Scholarship*

Gordon N. Hobson, Edmonton (Psych.)

*The William Rea Scholarship in Television*

K. Lynne Newcombe, Edmonton (Music)

The following awards are open in one Field of Study only:

**AGRICULTURE**

*Canadian Sugar Factories Scholarship*

Peter Bergen, Taber (Pl. Sc.)

*The Robert Gardiner Memorial Scholarship*

Ronald R. Marquardt, Edmonton (An. Sc.)

**EDUCATION**

*The Clarence Sansom Scholarship in Education*

Kathleen Isabelle Kennedy, Red Deer

*The Du Pont Company of Canada Limited Scholarship*

Deferred

*The Canadian Textbook Publishers Graduate Fellowship in  
Educational Administration*

Steve N. Odynak, Lac La Biche

*The International Nickel Company of Canada Graduate Fellowship in  
Educational Administration*

Ray Francis Harvey, Saskatoon

*The W. K. Kellogg Foundation Fellowships in Educational Administration*

Dennis Dibski, Kingman  
Eric George Hohn, Roundhill  
Arthur Loewen, Duches

Steve N. Odynak, Lac La Biche  
Nunham G. Stanford, Rolling Hills  
Philip John Warren, Newfoundland

*The Alberta Teachers' Association Fellowship in Education*

Michael Skuba, Smoky Lake (Ed. Admin.)

**ENGINEERING**

*The Pan American Petroleum Corporation Graduate Fellowship in  
Petroleum Engineering*

Richard J. Hamilton, Edmonton

*The California Standard Company Graduate Fellowship in  
Petroleum Engineering*

Deferred

*The C.I.S.C. Graduate Fellowship in Civil Engineering*

William P. Truch, Coleman

**GEOLOGY**

*The Pan American Petroleum Corporation Graduate Fellowship in Geology*

Johann Steiner, Banff

*The California Standard Company Graduate Fellowship in  
Geology or Geophysics*

Deferred

**PHARMACY**

*The Warner-Lambert Graduate Fellowship*

Deferred

*The Pfizer Research Scholarship*

Deferred

**AWARDS MADE BY OTHER INSTITUTIONS**

The following awards are open in two or more Fields of Study:

*The Canada Council Awards*

*Pre-Doctor's Fellowships—Humanities:*

George Samuel, Edmonton  
Merle Ian Scott, Edmonton

Roger G. Motut, Edmonton

*Pre-Doctor's Fellowships—Social Sciences:*

Morton Brown, Edmonton  
Lorne M. Kendall, Edmonton

Louis Parai, Drumheller  
Ross E. Traub, Edmonton

*Pre-Master's Scholarships:*

Charles B. Crawford, High Prairie  
K. Lynne Newcombe, Edmonton

Mary Strong, Edmonton

*The Canadian Federation of University Women Fellowship*

*Margaret McWilliams Fellowship:*

Donna Louise Clandfield, Lethbridge

*Commonwealth Scholarships*

Richard W. Bide, Edmonton

Morley S. Lipsett, Edmonton

Ian K. Steele, Edmonton

David G. Fish, Edmonton

*The Imperial Oil Graduate Research Fellowship*

Bruce W. Wilkinson, Edmonton

*The Imperial Order Daughters of the Empire War Memorial I  
Postgraduate Overseas Scholarship*

John Irvin Daeley, Pincher Creek

*The Imperial Order Daughters of the Empire War Memorial II  
Postgraduate Overseas Scholarship*

Lawrence P. Burns, Leduc

*The National Research Council Awards*

*Postdoctorate Overseas Fellowship:*

Reginald A. Moore, Brantford, Ontario

*Special Scholarships:*

Drake Hocking, Edmonton

Herb J. J. Seguin, Bonnyville

George F. O. Langstroth, Rockingham, N.S.

*Studentships:*

Norman E. Anderson, Spencerville, Ont.

Krishna K. Jha, Delhi

Yasuo Azuma, Tokyo

Vernon G. Mackay, Edmonton

Armand Boudreau, Quebec

Richard G. Miller, Edmonton

Mary P. J. M. Egerton, England

Peter L. Money, Valois, Quebec

John Engelhardt, Edmonton

Joseph P. O'Donnell, Edmonton

Calvin R. Evans, Calgary

Gary G. Purdy, Edmonton

Roger M. Evans, Edmonton

E. Diane Stover, Edmonton

John A. Goldak, Edmonton

Murray W. Strome, Vancouver

Paulus A. Goud, Edmonton

Edward L. Tomusiak, Edmonton

Peter W. Hochachka, Edmonton

Frederick E. Vermeulen, Edmonton

Harland E. Johnson, Edmonton

*Bursaries:*

Leslie E. Ballentine, Irma

William A. Murray, Edmonton

Walter B. Foss, Lethbridge

W. Keith Nicholson, Vegreville

Rueben E. Huber, Olds

Alan J. Rolfe, Ottawa

Cary N. Davids, Ralston

*The Rhodes Scholarship*

Bernard Leo Adell, Edmonton

*Rotary Foundation Fellowship*

Lawrence A. Mysak, Edmonton

*The Woodrow Wilson National Fellowships*

Gordon Lloyd Lang, Edmonton

John Ivan Marki, Edmonton

The following awards are open in one Field of Study only:

**ENGINEERING**

*The Athlone Fellowships*

Group A—Jim Wm. Kranias, Edmonton

Ernest A. Portfors, Hanna

*Steel Company of Canada Fellowships in Metallurgy*

Malcolm J. Bibby, Edmonton

John R. Cahoon, Calgary

The above list of awards made by other institutions is not necessarily complete.

The list of candidates for degrees and diplomas appearing herein is subject to such corrections, with respect to both deletion and addition, as may be necessary.

Graduands whose names are preceded by an asterisk (\*) are graduating in absentia

## Degrees

### *Admitted to the Degree of Doctor of Laws, Honoris Causa*

The Honorable John Percy Page, B.A., B.C.S.

Harrison Scott Brown, B.S., Ph.D.

Gerhard Hertzberg, M.A., Dr. Ing., LL.D., D.Sc., F.R.S.C., F.R.S. (London)

The Honorable Mr. Justice Hugh John Macdonald, B.A., LL.B.

George Polya, Ph.D., D.Sc.

Wilfred Rusk Wees, M.A., M.Ed., Ph.D.

### *Admitted to the Degree of Doctor of Philosophy*

*Candidates presented by Professor A. G. McCalla,  
Dean of the Faculty of Graduate Studies*

Warwick Bartram Elley, B.A., M.A. (New Zealand), M.Ed. (British Columbia) "A Comparative Analysis of Socio-Economic Bias in Selected Intelligence Tests." (Educational Psychology), Edmonton

Kenneth Macey James, B.S.P., M.Sc. (Saskatchewan) "The Effects of Certain Hormones on Zinc Metabolism in Adrenalectomized and Hypophysectomized Rats." (Pharmacy), Edmonton

Sri Gopal Mohanty, B.A. (Utkal), M.A. (Punjab) "On Some Properties of Compositions of an Integer and their Application to Probability Theory and Statistics." (Mathematical Statistics), Edmonton

\*Jakkanahally Mallaradhya Ramaradhya, B.Sc., M.Sc. (Mysore), Ph.D. (McGill) "Vapour Phase Radiolyses of Organic Compounds." (Chemistry), Edmonton

Gerhard Wolfgang Helmut Scherf, Dipl.Chem. (Technical University of Berlin) "The Preparation and Reactions of Some Alkali Metal Derivatives of Fluorene." (Chemistry), Edmonton

Richard Lester Stock, B.S. (Wisconsin) "The Mercury-( $^3P_1$ )-Photosensitized Decomposition of Cyclopentane in the Gas Phase." (Chemistry), Crystal Lake, Illinois, U.S.A.

\*Sirish Chandra Verma, B.Sc., M.Sc. (Allahabad) "The Action of Proteolytic Enzymes on Wheat Gluten." (Plant Biochemistry), Edmonton

### *Admitted to the Degree of Master of Arts*

Rita Evelyn Aldridge, B.A., (Alberta) "The Validity of a Self Administering Wechsler Short Form." (Psychology), Edmonton

Jo Anne Dutka, B.A. (Alberta) "The Dramatic Uses of Secular Songs in Medieval Plays." (English), Edmonton

Konrad Georg Joseph Haderlein, "Stefan Georges Übersetzung dreier Sonette aus Shakespeares 'Passionate Pilgrime'. Der Geist des Umdichters in seinem Übersetzungswerk." (German Literature), Edmonton

Roger John Hill, B.Sc. (London) "Prospects for European Unity." (Political Science), Edmonton

Eugene Everett Ray King, B.S.A. (Saskatchewan) "Interregional Competition in the Western Canadian Market for Eight Fresh Vegetables." (Economics), Edmonton

Patricia Mary Lobsinger, B.Sc. (Alberta) "A Study of Intelligence and Occupational Attitudes in Adult Extension Students." (Psychology), Edmonton

\*Claude Rudolph Owen, B.A. (Alberta) "Heinrich Heines Kenntnisse der Weltliteratur ohne Berücksichtigung der deutschen Literatur. Ein Bibliographisches Verzeichnis." (German Literature), Edmonton

\*Elizabeth Gilroy Pope, B.Ed., B.A. (Alberta) "Samuel Butler: A Character in Conflict." (English), Edmonton

Merle Ian Scott, B.Sc., B.A. (Alberta) "The Minor Characters in Shakespeare's Plays." (English), Edmonton

\*Warren Elwood Williams, B.A. (Alberta) "SA and SS in the Third Reich. A Study Based on the Record of the International Military Tribunal at Nuremberg." (History), Edmonton

Gwyneth Marjorie Witney, B.Sc. (Alberta) "The Relationship of Ward Architecture to Social Behavior of Mental Hospital Patients." (Psychology), Edmonton

## Admitted to the Degree of Master of Science

- Janos Adler, B.Sc. (British Columbia) "The Effect of the Martensitic Transformation on the Thermoelectric Power of Sodium." (Physics), Edmonton
- \*Alistair Alcorn, B.Sc. (Durham) "The Pipeline Flow and Rheological Properties of Sulfur-Water Suspensions." (Chemical Engineering), Edmonton
- Khalid Aziz, B.Sc. (Michigan), B.Sc. (Alberta) "Horizontal Annular-Mist Flow of Natural Gas-Water Mixtures." (Petroleum Engineering), Edmonton
- Richard Willan Bide, B.Sc. (Alberta) "Methemoglobin Reduction in Rabbit Erythrocytes." (Biochemistry), Edmonton
- \*Larry Joseph Bilan, B.Sc. (Alberta) "North American Tentaculitidae." (Geology), Tofield
- \*Eric Charles Elliot, M.D. (Toronto), B.Sc. (Alberta) "Controlled Cardiac Output Studies in Dogs." (Surgery), Edmonton
- \*Thomas Edward Emerson, Jr., B.Sc. (Oklahoma) "The Effect of  $P_{CO_2}$  and pH Alterations on the Cerebral Vascular Resistance in Dogs." (Physiology), Wilson, Oklahoma, U.S.A.
- \*Calvin Ralph Evans, B.Sc. (Alberta) "The Precambrian Rocks of the Old Fort Point Formation—Jasper, Alberta." (Geology), Calgary
- \*Edward Leo Fitzgerald, B.Sc. (Alberta) "Geology of the Ghost River Map-Area, Alberta," (Geology), Calgary
- \*Alexander Bruce Hamilton, B.Sc. (Manitoba) "A Further Study of Cation Effects on the Physical Properties of Clays." (Civil Engineering), Banff
- \*Siraj Husain, M.B.B.S. (Osmania) "The Evaluation of Current Duodenal Ulcer Surgery by the Use of a New Experimental Method of Ulcer Production." (Surgery), Prince Rupert, B.C.
- Donald Herbert Laverty, B.Sc. (Alberta) "Some Effects of Fertilizers on Yield, Chemical Composition and Nutritive Value of Forages." (Soil Science), Edmonton
- Lawrence Miller McKnight, B.Sc. (Alberta) "Some Factors Influencing the Physical Properties of Butter." (Dairy Technology), Edmonton
- Herman Matthew Meisner, B.S. (Cornell) "The Effect of Propylthiouracil on the Oxygen Consumption and Radioiodine Metabolism of the Frog, *Rana pipiens* in Winter." (Zoology), New York
- David William Mitchell, B.Sc. (Manitoba) "A Study of Alberta Asphalts." (Civil Engineering), Winnipeg, Manitoba
- Robert Thomas Morrison, B.Sc., M.D. (Alberta) "The Metabolism of Radioactive Yttrium in Dogs and Guinea Pigs with Attempted Localization in the Gastric Mucosa." (Surgery), Edmonton
- \*William Robert Musgrove, B.Sc. (Alberta) "Partial Oxidation of Butane—The Effect of Temperature, Reaction Time and Mass Velocity." (Chemical Engineering), Sarnia, Ontario
- Charles Robert Neill, B.Sc. (Glasgow) "Hydraulic Investigations Related to Large Corrugated-Metal Culverts." (Civil Engineering), Edmonton
- \*Steve Onyshko, B.Sc. (Alberta) "Semiconductorized High Voltage Supply." (Electrical Engineering), Edmonton
- Robert Northey Plank, B.Sc. (Alberta) "Relationships of Feedlot Performance and Carcass Characteristics of Swine." (Animal Science), Lacombe
- George Wesley Poling, B.Sc. (Alberta) "Infrared Spectroscopy of Xanthate Compounds in the Solid, Solution and Adsorbed States." (Metallurgical Engineering), Edmonton
- \*Grace Lillian Powell, B.A. (Alberta) "Geographic Distribution of Hail in Alberta." (Geography), Edmonton
- \*James Riddell, B.Sc. (Alberta) "On Bases for Sets of Integers." (Mathematics—Number Theory), Edmonton
- Philip Thomas Seabrook, B.Sc. (Alberta) "The Effect of Low Temperature on the Strength of Concrete." (Civil Engineering), Edmonton
- \*Joe Siegenberg, B.Sc., M.B.B.Ch. (Witwatersrand), F.R.C.S. (England) "The Controlled Rapid Production of Portal Cirrhosis and Portal Hypertension in Dogs." (Surgery), Edmonton
- Harald Sonnenberg, B.Sc. (Alberta) "Renal Regulation of Extracellular Fluid Volume." (Physiology), Edmonton

- \*Melvyn Roy Stauffer, B.Sc. (Alberta) "Geology of the Ski-Lodge Road Map-Area, Jasper, Alberta." (Geology), Didsbury
- Conrad Frederic Wehrhahn, B.Sc. (Alberta) "Quantitative Genetics of Substitution Lines Involving Chromosome I of Common Wheat." (Plant Science), Davis, California, U.S.A.
- Russell Emerson Wells, B.Sc. (Saskatchewan) "A Parent Material Study of Two Solonchetsic Soil Sequences in Southern Alberta." (Soil Science), Edmonton

### *Admitted to the Degree of Master of Education*

- August William Bruns, B.Ed. (Alberta) "An Examination of the Alberta Tax Reduction Subsidy for Education." (Educational Administration), Bentley
- John Harvey Finlay, B.Ed. (Alberta) "Expectations of School Boards for the Role of the Provincially Appointed Superintendent of Schools in Alberta." (Educational Administration), Edmonton
- \*Robert Ritchie Fisk, B.A., B.Ed. (Alberta) "A Survey of Leisure Reading in the Junior High Schools of Alberta." (Secondary Education—English), Edmonton
- Marion Elizabeth Foster, B.Ed. (Alberta) "A Comparative Study of Reading Achievement Between Comparable Groups of Pupils in Christchurch, New Zealand, and Edmonton, Alberta." (Elementary Education), Edmonton
- Thomas Barr Greenfield, B.A. (British Columbia) "Teacher Leader Behavior and Its Relation to Effectiveness as Measured by Pupil Growth." (Educational Administration), Edmonton
- \*Ernest John Ingram, B.Ed. (Alberta) "Public Attitudes Towards Education as a Basis for a Public Relations Program." (Educational Administration), Edmonton
- George Kravetz, B.Ed. (Alberta) "An Evaluation of the Effectiveness of the Use of Films in Divisional and County Schools in Alberta." (Educational Administration), Vegreville
- Archie Durward Marzolf, B.Ed. (Alberta) "Alexander Cameron Rutherford and his Influence on Alberta's Educational Program." (Secondary Education—Social Studies), Edmonton
- \*David William Menear, B.A., B.Ed. (Toronto) "Parent Opinion and Pupil Achievement." (Educational Administration), Scarborough, Ontario
- Warren Louis Ogilvie, B.Ed. (Alberta) "A Longitudinal Study of the Effects on Achievement of Promotion and Non-Promotion at the Grade III Level." (Educational Administration), Edmonton
- Robert Steven Patterson, B.Ed. (Alberta) "F. W. G. Haultain and Education in the Early West." (Secondary Education), Edmonton
- Lorne Duncan Stewart, B.Ed., B.A. (Saskatchewan) "An Analysis of the Role of the Assistant Superintendent in Alberta School Divisions and Counties." (Educational Administration), Claresholm
- Eugene Wasylyk, B.Ed. (Alberta) "The Relation Between Four Selected Teacher Characteristics and Student Achievement in Grade Twelve Mathematics." (Secondary Education—Mathematics), Thornhill

### *Admitted to the Degree of Bachelor of Divinity*

*Candidates presented by Professor D. J. C. Elson,  
Dean of St. Stephen's College*

- Darryl James Auten, B.A., Edmonton      Lyle Brian Jones, B.A., Edmonton
- \*Lawrence John Fisk, B.A. Red Deer

### *Admitted to the Degree of Bachelor of Laws*

*Candidates presented by Professor W. F. Bowker,  
Dean of the Faculty of Law*

- |   |                                       |
|---|---------------------------------------|
| Bernard Leo Adell, Edmonton               | Edwin Samuel Cook, Edmonton           |
| Richard Herbert Michael Anthony, Edmonton | James Allan Coutts, Nanton            |
| Samuel Richards Baker, Cardston           | William Herbert Downton, Calgary      |
| *Lorne John Behm, Edmonton                | Rene Paul J. Foisy, Edmonton          |
| William Ross Blain, Edmonton              | Trevor Charles Fraser, Edmonton       |
| Tove Margrethe Bording, Standard          | Bruce Henry Jackson, Montreal, Quebec |
| Donald John Boyer, Edmonton               | Margaret-Ellen Jira, Edmonton         |
|   | Robert Arthur Lundrigan, Edmonton     |

John Lawrence Charles Lyndon,  
Edmonton  
Robert Arnold Newton, Edmonton  
Grace Lorraine Ouellette, Grande Prairie  
Andrew Allan Purdy, Calgary  
Edward Elliott Rice, Lethbridge  
William Michael Johnston Richards,  
Edmonton  
\*Douglass Esmond Sanders, Edmonton

David Harry Searle, Yellowknife, N.W.T.  
Aaron Shtabsky, Edmonton  
Howard Lewis Starkman, Edmonton  
\*Cory Stolte, Barnwell  
Ronald Cyril Swist, Edmonton  
Patricia Olcen Toombs, Calgary  
\*William Arthur Wiese, Consort  
Lawrence Stuart Witten, Edmonton

### *Admitted to the Degree of Bachelor of Arts (Honors)*

*Candidates presented by Professor D. E. Smith,  
Dean of the Faculty of Arts and Science*

Charles Bates Crawford, High Prairie  
(honors in Psychology)

David Ross Haigh, Maple Creek, Sask.  
(honors in History)

Walter Clarke Hepburn, Calgary  
(honors in Economics)

Gordon Neville Hobson, Edmonton  
(first-class honors in Psychology)

\*Ivan Marki, Edmonton  
(honors in English)

Eric Henry Ohlmann, Leduc  
(honors in History)

Gregor Roetker, Calgary  
(first-class honors in Classics)

Ian Kenneth Steele, Edmonton  
(first-class honors in History)

\*Ellis Swart, Calgary  
(first-class honors in Classics)

### *Admitted to the Degree of Bachelor of Arts*

*With First-Class General Standing  
Donna Marie Gunning, Edmonton*

Michael Robert Colin Angel, Beaverlodge  
Joanne Elizabeth Vernon Angus-Smith,  
Calgary

\*John Charles Armstrong, Calgary  
Jacob William Babad, Edmonton

\*Beverley Joan Barnhouse, Edmonton  
Vera Elsie Barry, Edmonton

Larry Duane Bateman, Edmonton  
Linus Henry Becher, Manning

\*Richard Joseph Biamonte, Edmonton  
\*Donald George Bishop, Edmonton

Marilyn Laura Bowman, Edmonton  
\*Barbara Joan Boyden, Calgary

Benjamin Herbert Breitzkreuz, Onoway  
Richard Kay Bright, Edmonton

Elizabeth Ann Brown, Lacombe  
Malcolm Alexander Brown, Edmonton

Gail Leota Browning, Edmonton  
Sandra Jean Bulmer, Athabasca

\*Thomas Peter Burns, Calgary  
Lawrence Emerson Roderick Burton,  
Edmonton

\*William Gray Clarke, Calgary  
Ross Webb Christensen, Calgary

Corinne Osborne Cload, Edmonton  
\*David James Cooke, Edmonton

\*Vera Catherine Corfield, Edmonton  
\*Winifred Lois Cumming, Three Hills

Terence Pearce Curran, Edmonton

Linda Jean Dale, Edmonton  
Annette Therese Leone Darimont,  
Edmonton

\*Laurence George Decore, Edmonton  
William Rushworth Dickson, Calgary  
Peter John Dooling, Cranbrook, B.C.

\*Harold William Dootson, Irma  
Marilyn Lillian Elliott, Alliance

\*Larry Alex Ewashen, Lundbreck  
Harold Douglas Florence, Westaskiwin

Sharon Lynn Forster, Edmonton  
John Arthur Francis, Calgary

Donna Jean Fraser, Edmonton  
\*Roderick Douglas Fraser, Calgary

\*Jean Elizabeth Fulton, Rockyford  
\*Herbert Gabora, Mikado, Saskatchewan

Carl Robert Gibson, Medicine Hat  
David Wesley Giffen, Edmonton

Joan Marguerite Groff, Edmonton  
Karen Elaine Grove, Edmonton

Orest John Hamaluk, Edmonton  
Alison Christine Harle, Edmonton

\*Bernice Ellen Heath, Calgary  
John Randolph Hicken, Raymond

Donald Ivan Ernest Holmgren, Edmonton  
Wayne Gary Holt, Edmonton

Katharine Alma Irwin, Edmonton  
\*Dale Joseph Jacobson, Calgary

Kelvin Thomas Johnson, Barnwell  
 Marilyn Anne Johnstone, Fort  
     Saskatchewan  
 Robert Kambeitz, Coaldale  
 \*Helen Kortess, Edmonton  
 Gerald Victor Kroetsch, Calgary  
 Richard Kwong, Calgary  
 John Albert Ernest Lackey, Calgary  
 \*Rosalia Lakatos, Calgary  
 Ronald Alfred Lant, Edmonton  
 Carol Hulda Martha Larson, Edmonton  
 Lorraine Bernice Law, Edmonton  
 Mary Denice Laycraft, Ponoka  
 Audrey June Lea-Wilson, Edmonton  
 Valda Leavitt, Glenwood  
 June Karen Leitch, Edmonton  
 Marilynn Carol Lloyd, Calgary  
 \*Donald Hartley Lorass, Edmonton  
 Rose Maureen Lund, Rosemary  
 \*Edward Patrick MacCallum, Edmonton  
 Heather Lila McCoomb, Busby  
 Dorothy Eleanor Macdonald, Edmonton  
 \*Norman Russell Macdonald, Edmonton  
 John Edward Dennis McKenzie,  
     Edmonton  
 Mary Jean McKenzie, Lethbridge  
 Shirley Ann McMillen, Hinton-Drinnan  
 John Locksley McNeill, Edmonton  
 Hugh Alexander McQueen, Edmonton  
 \*Thomas Maccagno, Lac La Biche  
 Edgar Gaylord Madill, Wainwright  
 \*Howard Anthony Mahon, Lethbridge  
 \*Heleen Julianna Masciuch, Athabasca  
 \*Anton Mstislaus Sigphridus Melnyk,  
     Edmonton  
 \*Robert George Miller, Hines Creek  
 \*Robert William Miller, Calgary  
 \*Lorraine Gertrude Milne, Calgary  
 \*Dymphna Philomena Moore, Edmonton  
 Colette Marie Jeanne Morin, Edmonton  
 Barbara Maxine Murphy, Edmonton  
 \*Desmond Jerome Murphy, Edmonton  
 Bjarne Myhre, Westrose  
 Rachel Micla Nagler, Calgary  
 Marjorie-Ellen Nagloren, Calgary  
 John Charles Bowen Neal, Edmonton  
 \*John Donald Neilson, Edmonton  
 \*Orlando Ronald Neuman, Edmonton  
 Sandra Elizabeth Neve, Edmonton  
 Arthur Gordon Newman, Edmonton  
 \*Clifton David O'Brien, Edmonton  
 Judith Olive Odynsky, Edmonton  
 John Andrew Olthuis, Edmonton  
 James McPherson Parker, Rocky  
     Mountain House  
 \*Judith Elaine Pearson, Calgary  
 Serena Phillet, Edmonton  
 Marie-Louise Poirier, Edmonton  
 Mary-Jo Powell, Edmonton  
 Barbara Roxana Price, Calgary  
 Dianne Helen Proctor, Edmonton  
 Margaret Elizabeth Randall, Calgary  
 Dorothy Elaine Redman, Wetaskiwin  
 Betty Joan Robertson, Edmonton  
 \*Sheila Gayle Rogerson, Calgary  
 Bruce Gary Samoil, Edmonton  
 Sora Mina Satanove, Edmonton  
 Thomas John Sawyer, Edmonton  
 \*Peter Gerard Schmidt, Edmonton  
 Helmut Schroer, Edmonton  
 Horstdieter Julius Seliger, Edmonton  
 Sandra Frances Sellens, Edmonton  
 Irene May Seveck, Red Deer  
 \*Walter Shandro, Edmonton  
 Sally Joanne Shortcliffe, Edmonton  
 Jolayne Lois Sillito, Fort McLeod  
 Judith Anne Simpson, Calgary  
 \*Elaine Lucille Blaise Staniland,  
     Edmonton  
 Douglas Henry Stanley, Calgary  
 Alvin George Stenson, Forestburg  
 Frederick Harold Telmer, Edmonton  
 Edward Dennis Thiessen, Edmonton  
 \*Harold William Veale, Edmonton  
 \*Wesley James Wetter, Edmonton  
 Margaret Eveline Wheatley, Banff  
 \*Brian Bromley Wilks, Lethbridge  
 Roger Sainsbury Woods, Drumheller  
 \*William Stewart Wright, Balzac  
 \*Lawrence Walter Yuzda, Two Hills

*Admitted to the Degree of Bachelor of Science in Arts and Science (Honors)*

\*John Douglas Adshead, Edmonton  
     (honors in Geology)  
     Walter Edward Avis, Calgary  
     (honors in Physics)  
     Hugh Maitland Brown, Calgary  
     (honors in Physics)  
 Bruce Edwin Balfour Cameron, Edmonton  
     (honors in Geology)  
     Cary Nathan Davids, Ralston  
     (first-class honors in Physics)  
     Walter Garfield Davies, Innisfail  
     (honors in Physics)  
     Albert James Davis, Calgary  
     (honors in Geology)  
 Marilynn Laurene Faulkner, Edmonton  
     (first-class honors in Mathematics)

- \*Denis Bernard Fillion, Edmonton  
(first-class honors in Zoology)
- Constance Marguerite Glow, Calgary  
(honors in Mathematics)
- Theophilus Leonard Greene, Trinidad, B.W.I.  
(honors in Physiology)
- \*Reginald Edward Griffiths, Calgary  
(honors in Chemistry)
- Lorne William Hollingshead, Calgary  
(honors in Chemistry)
- Duncan Harvey Hunter, Edmonton  
(first-class honors in Chemistry)
- \*Oscar Michael Isaac, Keg River  
(first-class honors in Geology)
- Graham Leadbetter, Edmonton  
(first-class honors in Chemistry)
- Robert Alister MacLeod, Edmonton  
(first-class honors in Mathematics)
- \*William Robert Maiklem, Olds  
(honors in Geology)
- Barry James Mailloux, Calgary  
(honors in Physics)
- Bruce Wright Maxfield, Edmonton  
(first-class honors in Physics)
- \*Wayne Bernard Morris, Edmonton  
(honors in Chemistry)
- William Allan Murray, Edmonton  
(first-class honors in Physics)
- Lawrence Alexander Mysak, Edmonton  
(first-class honors in Mathematics)
- William Keith Nicholson, Vegreville  
(first-class honors in Mathematics)
- Lawrence Frank Peta, Lethbridge  
(honors in Chemistry)
- \*John Edward Polowek, Calgary  
(first-class honors in Chemistry)
- Edward Brock Robertson, Calgary  
(first-class honors in Chemistry)
- \*Donald Allan Scott, Edmonton  
(honors in Geology)
- Gail Barbara Stayura, Calgary  
(honors in Chemistry)
- \*Glen Edward Steen, Edmonton  
(first-class honors in Geology)
- Johann Steiner, Banff  
(first-class honors in Geology)
- \*Robert Edmund Stephens, Calgary  
(honors in Geology)
- \*Robert Francis Windsor, Edmonton  
(honors in Geography)
- \*Kitchener Barrie Young, Grassy Lake  
(honors in Chemistry)
- \*James Victor Zidek, Forest Lawn  
(honors in Mathematics)

## *Admitted to the Degree of Bachelor of Science in Arts and Science*

*With First-Class General Standing*

Joe Thomas Roy Clarke, Edmonton

- |  |   |
|--|---|
| <p>Hendricus Bernardus Albregt, Edmonton<br/>             Winston Murchison Alexander, Tobago, W.I.<br/>             Sophie Mary Andriaschuk, Two Hills<br/>             *Samuel William Aylesworth, Edmonton<br/>             Gwendolyn Bearham, Edmonton<br/>             Eleanor Bergen, Rosemary<br/>             *Alfred Bloomenthal, Calgary<br/>             James Joseph Boulton, Lethbridge<br/>             Carman Henry Brooks, Edmonton<br/>             Ian St. George Burn, Calgary<br/>             Vernon Delbert Carlson, Wetaskiwin<br/>             Paul Anthony Chalmers, Edmonton<br/>             *Tom Emil Chmilar, Newbrook<br/>             Sheran Jene Christensen, Calgary<br/>             Barbara Anne Cornett, Red Deer<br/>             Robert Lee Curr, Calgary<br/>             Alexander James Dawson, Edmonton<br/>             Chester Theodore Duda, Edmonton<br/>             *John Elia Evanoff, Edmonton<br/>             *Joseph William Ferguson, Edmonton<br/>             John Leonard Fingarson, Regina, Sask.<br/>             Carol Isabel Forster, Calgary<br/>             Kenneth Dey Foster, Calgary<br/>             *Gordon Michael Gabert, Castor<br/>             *Kenneth Gerald Garden, Redcliff<br/>             Roderick Allan Gaunt, Edmonton<br/>             Daniel Lloyd Grinwich, St. Francis<br/>             William Arthur Griswold, Edmonton<br/>             Daniel Joseph Hasinoff, Mannville<br/>             Lorne Renee Hatch, Edmonton<br/>             John Douglas Heine, Edmonton<br/>             *Kathleen Elizabeth Helmer, Calgary<br/>             John Paulvin Hill, Irma<br/>             Bryan Worthy Hoover, Calgary<br/>             *Robert Joseph Hupfer, Sherwood Park<br/>             *Garry Russel Jackson, Edmonton<br/>             Donald Edward James, Edmonton<br/>             William Scott Klipper, Hanna<br/>             Richard David Larratt, Red Deer<br/>             George Laverty, Edmonton<br/>             Elizabeth Leonhardt, Drumheller<br/>             *Gail Patricia Lewis, Calgary<br/>             Franklin Caesar John Theodore Loehde, Edmonton<br/>             William Charles Mackay, Innisfail<br/>             Mary Janet McLaughlin, Edmonton<br/>             *John Charles Maccagno, Lac La Biche<br/>             Gordon George Burdett Mallett, Edmonton</p> | <p>Thomas Jabez Manuel, Innisfail<br/>             *Robert David Marven, Edmonton<br/>             Merle Ann May, Camrose<br/>             Larry Patrick Milligan, Okotoks<br/>             Eileen Olive Moisey, Edmonton<br/>             *Spencer William Montgomery, Edmonton<br/>             Myrna Rose Moritz, Edmonton<br/>             Thomas Frederick Mowat, Red Deer<br/>             *Frances Elizabeth Murray, Edmonton<br/>             Louis Neering, Edmonton<br/>             *Grant LeRoy Nielsen, Edmonton<br/>             John Odynski, Edmonton<br/>             *Marvin William Phillips, Edmonton<br/>             Lorna Jean Poulsen, Lethbridge<br/>             Donald Wayne Price, Edmonton<br/>             James Lowe Quan, Calgary<br/>             Brian Barney Olphert Kemmis Reeves, Waterton Park<br/>             Elizabeth Anne Robertson, Edmonton<br/>             Robert James Rosiechuk, Camrose<br/>             Patricia Louise Roy, Cayley<br/>             Lucille Jeanette Salt, Lethbridge<br/>             *Walter Donald Samiroden, Edmonton<br/>             Jay Gordon Scott, Vulcan<br/>             Douglas Gary Scraba, Lacombe<br/>             *Sukhdial Singh, Edmonton<br/>             *Stanley Stephen Smith, Calgary<br/>             *Wallace Gordon Sorge, Stettler<br/>             Patricia Eleanor Stayura, Calgary<br/>             *Edward Orval Taite, Calgary<br/>             John Gerald Tansey, Edmonton<br/>             Manuel Daniel Thachuk, Edmonton<br/>             Lorne James Thompson, Edmonton<br/>             *Peter Lawrence Thompson, Edmonton<br/>             William Chamley Thompson, Rimbey<br/>             *Donald Elmer Tronsgard, Edmonton<br/>             Gaylard Randal Turnquist, Gwynne<br/>             Maury Gaddis Van Vliet, Edmonton<br/>             *Franciscus Nicolaas Theodorus Vander Kley, Edmonton<br/>             *Robert James Walker, Edmonton<br/>             *George Wiebe, Warman, Sask.<br/>             Alvin Lyall Wilkinson, Edmonton<br/>             Raymond Alexander Frank Wilkinson, Edmonton<br/>             *Claire Winton Williamson, Edmonton<br/>             Terence Walter Wilson, Edmonton<br/>             *George Rae Winkelaar, Edmonton<br/>             *Show-Ming Yee, Red Deer<br/>             Lorne Thomas Yuedall, Edson</p> |
|--|---|

## *Admitted to the degree of Bachelor of Music*

*With First-Class General Standing*

Father Wolfgang Heinz Otto Bottenberg, Calgary

Kathleen Lynne Newcombe, Edmonton

Eileen Allwood Turner, Edmonton

## *Admitted to the Degree of Bachelor of Science in Chemical Engineering*

*Candidates presented by Professor G. W. Govier,  
Dean of the Faculty of Engineering*

### *With High Distinction*

Orville Cecil Sandall, Halkirk

### *With Distinction*

Calvin James Lauber, Tofield

Allan Lee Pollock, Calgary

Grant Miller Raisbeck, Edmonton

\*Robert Geoffrey Walsh, Edmonton

Jane Eleanor Bleuler, Edmonton  
Robert Earl Bowser, Edmonton  
Marion Gordon Checknita, Redwater  
\*David Robert Chetner, Calgary  
\*Harold Hershel Dashevsky, Brunkild,  
Manitoba  
Kent Richard Foster, Edmonton  
Hugh Thomas Goldie, Medicine Hat  
Robert Colin Golightly, Edmonton  
Michael George Grace, Edmonton  
William Douglas Gutierrez, Edmonton  
Robert Willard Haggarty, Cluny  
David Lloyd Johnson, Victoria, B.C.  
\*Richard James Johnson, Cornwall,  
Ontario  
\*Donald Terrence Keenan, Champion  
Dale Alfred Lucas, Edmonton  
Orest Ludwick, Morecambe  
George Thomas Lyons, Shaughnessy  
Robert George McAuley, Pincher Creek

\*Archibald Donald McPhee, Edmonton  
Melvyn Bruce Martin, Edmonton  
Dennis Earl George Maschmeyer,  
Bruderheim  
Charles Reginald Middleton, Island  
Lake, Manitoba  
Melvin Oliver Movold, Hay Lakes  
\*Kenneth Raymond Nichol, Calgary  
\*Albert James Patterson, Red Deer  
\*Albert Arthur Ritchie, Edmonton  
William John Robertson, Benalto  
\*Raymond Louis Rovere, Drumheller  
\*Gordon Kenneth Rutz, Red Deer  
Kin Seto, Vancouver, B.C.  
John Joseph Sparling, Calgary  
Vernon Milton Thomas, Edmonton  
Herbert Thorndike, Edmonton  
James Frank Wong, Olds  
Lyall Campbell Work, Hardisty

## *Admitted to the Degree of Bachelor of Science in Civil Engineering*

### *With High Distinction*

Ernest Andrew Portfors, Hanna

### *With Distinction*

Arthur Leo Charbonneau, Calgary  
Denis Alfred Davis, Calgary  
Norman Keith Goodrich, Calgary  
Ralph Carl George Haas, Grimshaw  
\*Carl Franklin Hunter, Black Diamond  
Ronald William Kathol, Rockyford  
Dennis Arnold Lindberg, Bluffton  
William George Herman Nyhoff, Lethbridge  
Lorne Harold Pierlot, Rimbey  
James Allen Ross, Edmonton  
Richard John Sawchuk, Edmonton  
William Patrick Truch, Coleman  
Helmut Keith Walker, Edmonton

William Ray Bennett, Spring Coulee  
Patrick McKenzie Bentley, Edmonton  
John Eldon Broen, Edmonton  
\*Alben Joseph Chmelauskas, Lethbridge  
Thomas Lloyd Clarke, Beaverlodge  
Robert Michael Comchi, Carvel  
Roy Dennis Cook, Onoway  
Kelt Francis Davies, Ponoka  
\*William Harding Davies, Edmonton  
Anthony De Simon, Calgary  
Ronald Drinnan Dooley, Medicine Hat  
Peter Croome Douglas, Calgary

Klaus Ulrich Driedger, Edmonton  
Robert Harry Ferguson, Edmonton  
John William Fildes, Spirit River  
Joseph Alan Glowach, Greencourt  
David Frederick Goodman, Calgary  
Walter Peter Hahn, Edmonton  
Wilmont James Hamilton, Edmonton  
\*Wilsie Hilton Hatfield, Rosemere, Quebec  
\*Henri Jérôme Hétu, Bonnyville  
\*Paul Bernard Hussey, Edmonton  
Arthur Barry Irvine, Edmonton  
Francis Gerald Kohler, Edmonton

John Steven Krebs, Edmonton  
 Bryan Leroy Lemke, Grande Prairie  
 \*Jimmy Chi Wang Leong, Vancouver, B.C.  
 Robert Thomas Liddle, Ponoka  
 Richard Barry Lomheim, High River  
 Robert Terence McQuillan, Edmonton  
 George Charles Marrinier, Donatville  
 Randal Bruce Mitchell, Radium Hot Springs, B.C.  
 Donald Edwin Morse, Irma  
 John William Murray, Edmonton  
 Elmer William Mychaluk, Big Valley  
 \*Frank Murray Neilson, Onoway  
 Lawrence Louis Paccagnan, Medicine Hat  
 Andi Pallas, Edmonton  
 Marie Anne Pool, Edmonton

\*Garry Webster Porter, Victoria, B.C.  
 David Harold Quapp, Coaldale  
 Leon Burt Root, Lomond  
 Allen Ensley Sandstrom, Calmar  
 Harry Edward Sim, Edmonton  
 Michael Edward Simpson, Calgary  
 David William Smith, Edmonton  
 \*Donald Bruce Smith, Innisfail  
 Donald George Snyder, Edmonton  
 Boleslaw Leo Peter Steblecki, Edmonton  
 John Tewnton, Edmonton  
 Lyle Jerome Thronsdon, Kingman  
 James Roderick Tweddle, Edmonton  
 Donovan Roy Walker, Edmonton  
 \*Bruce Harvey Wilkerson, St. Catharines, Ontario

### *Admitted to the Degree of Bachelor of Science in Electrical Engineering*

#### *With High Distinction*

\*Alan John Rolfe, Ottawa, Ontario

#### *With Distinction*

Mike Boyko, Edmonton  
 Edwin Eric Couves, Edmonton  
 Gordon Charles Domeier, Lethbridge  
 Ray John Hannley, Edmonton  
 \*Ronald Harvey Johnston, Drumheller  
 \*Demitro Mykitiuk, Edmonton  
 Spencer Tracy Nichols, High River

John Clifford Badger, Edmonton  
 Frederick Walter Bokenfohr, St. Albert  
 Arthur Harold Bradley, Edmonton  
 James Ryland Branson, Markerville  
 Louis Leo Romeo Brodeur, Edmonton  
 Keith Arnold Brown, Edmonton  
 \*Donald Malcolm Campbell, Edmonton  
 \*Delmar Garth Cartwright, Barrhead  
 Frank Werner David, Red Deer  
 \*Peter Dernick, Edmonton  
 William Henry Dubik, Edmonton  
 Alexander David Galloway, Duvernay  
 James Robert Gibbons, Edmonton  
 Donald Devere Hunt, Edmonton  
 Donald Jones, Edmonton  
 Glenison Trevelyn Jones, Calgary  
 Walter Kachorowski, Richmond Park  
 Tibor Kamon, Edmonton  
 Robert Harold Kohler, Edmonton  
 \*Gordon Roderick Krupa, Edmonton  
 Charles LeRoy Lees, Warner  
 \*John Francis Leman, Ottawa, Ontario  
 Edmund John Lyne, Edmonton

Robert Edward McLean, Edmonton  
 \*Donald Isidore Marien, Enilda  
 Douglas Allen Marshall, Edmonton  
 \*Charles Vance Marston, Edmonton  
 \*Charles George Maybee, Edmonton  
 Fred Paranchych, Edmonton  
 Kenneth Harvey Pauls, Calgary  
 Edward Thomas Quinlan, Edmonton  
 \*Larry Jack Reay, Red Deer  
 David Bowlby Robson, Bawlf  
 David Grant Elwood Saul, Edmonton  
 David Donald Simpson, Vancouver, B.C.  
 \*David Wayne Smith, Calgary  
 John Garry Spencer, Calgary  
 Frank Geza Szojka, Calgary  
 \*George Brian Taylor, Holden  
 Peter Gerhard Fritz Thede, Edmonton  
 Carl Gordon Walters, Calgary  
 William Gordon Webster, Calgary  
 \*James Wilfred Alexander White, Bathurst, N.B.  
 James Duane Wilson, Cardston

### *Admitted to the Degree of Bachelor of Science in Engineering Physics*

#### *With High Distinction*

Leslie Edward Ballentine, Irma

#### *With Distinction*

Wallace Burry Foss, Lethbridge  
 Jim William Kranias, Edmonton  
 \*Elgie James McGrath, Red Deer  
 \*Donald Henry Albert Pirot, Edmonton  
 Frank Stenger, Warburg

George Absalom Reil, Magrath

*Admitted to the Degree of Bachelor of Science in Mechanical Engineering*

*With Distinction*

\*Gordon Walter Bigg, Edmonton  
Gerald David Dale, Lloydminster, Sask.  
James Douglas Dale, Edmonton  
\*Peter Janzen, Coaldale  
Stanley Brun Mellsen, Standard  
John Peregrym, North Surrey, B.C.

Joseph Mitchell Baranyk, Edmonton	Udo Kaul, Calgary
Ronald Sydney Bullen, Calgary	Nestor Melton Koziak, Lamont
*Dennis William Chalmers, Edmonton	Grant Melville Langford, Edmonton
Terry McLeod Chapman, Lethbridge	Allan Wilfred Lovlin, Manning
William George Chennells, Calgary	Kenneth Lea Lyons, Edmonton
*Eric Henry Cook, Edmonton	Donald William McAdam, Calgary
Jack Alvin Dickson, Calgary	*Robert Patrick McKenzie, Edmonton
*Henry Happy, Edmonton	Ernest Francis Peter Newson, Edmonton
*Victor Lawrence Humaniuk, Two Hills	Donald James Parsons, Calgary
Ronald Gilbert Jones, Edmonton	Walter Saponja, Edmonton
*Harry Kaethler, Edmonton	*David Norman Schuh, Edmonton
Bernard Karna, Hardieville	Patrick Lloyd Sherman, Granum
William Alexander Kastelen, Andrew	Gerald David Thomson, Edmonton

*Admitted to the Degree of Bachelor of Science in Metallurgical Engineering*

*With Distinction*

\*Malcolm John Bibby, Edmonton  
John Raymond Cahoon, Calgary  
\*Daniel Frank Watt, Edmonton

Bud William Kushnir, Edmonton

*Admitted to the Degree of Bachelor of Science in Mining Engineering*

Earl Kenneth Andersen, Barrhead	Edward Melnyk, Elk Point
Claudio Guarnaschelli, Calgary	Gordon Kenneth Munk, Breton
Mike Paul Lipkewich, Chipman	Ernest Yuskiw, Edmonton

*Admitted to the Degree of Bachelor of Science in Petroleum Engineering*

*With Distinction*

Richard James Hamilton, Edmonton

*James Alison Adamson, Calgary	Wayne Murray Newhouse, Edmonton
John Paul Ciurysek, Berwyn	Harry Edward Ripley, Edmonton
Trevor Forrest Cuthill, Fort St. John, B.C.	John David Scott, Vermilion
Ralph Elborne Hughes, Edmonton	Kenneth Neil Sobkowich, Edmonton
William Burgess Longson, Kathryn	Richard Peter Thompson, Edmonton
*David Wallace Martin, Edmonton	Arthur Wichert, Barrhead

*Admitted to the Degree of Bachelor of Science in Medical Laboratory Science*

*Candidates presented by Professor J. S. Thompson,  
Assistant Dean of the Faculty of Medicine*

Carol Edith Moncrieff, Edmonton	Eleanor Margaret Pow, Okotoks
Barbara Diane Peddlesden, Calgary	Jean Ruth Schattschneider, Edmonton

*Admitted to the Degree of Bachelor of Science in the Faculty of Agriculture*

*Candidates presented by Professor C. F. Bentley,  
Dean of the Faculty of Agriculture*

*With High Distinction*

Rueben Eugen Huber, Edmonton  
Alexander Frederick McCalla, Edmonton

*With Distinction*

Leslie Michael Lavkulich, Lethbridge

Albert de Leeuw, Edmonton  
 Walter Dembicki, Edmonton  
 Ronald Charles Gordon, Alix  
 Flores John Groeneveld, Blackie  
 James Steve Hladky, Lisburn  
 Eduard Willem Jan Kerkhoven, Edmonton  
 \*Thomas David Morrow, Magrath  
 Wendell Kenneth Opheim, Cereal  
 \*Takeshi Otani, Lethbridge

George David John Rife, Westlock  
 Donald Arthur Smith, Edmonton  
 David Tupper Spurr, Notikewin  
 Ellis Levertton Treffry, Wainwright  
 Murray George Turnbull, Wolsley, Sask.  
 Allan Alexander Warrack, Langdon  
 Orest George Wasiuta, Calmar  
 John William Yorgason, Claresholm

### *Admitted to the Degree of Bachelor of Education*

*Candidates presented by Professor W. D. MacDougall,  
 Head of the Division of Elementary Education*

*With First-Class General Standing*

Heidi Judith Kass, Edmonton

Kathleen Isabelle Kenney, Red Deer

Anne Pauline Ross Anderson, Medicine Hat  
 Wayne Douglas Armitstead, Edmonton  
 \*Sine Awid, Edmonton  
 Muriel Elizabeth Barber, Lydden, Sask.  
 \*Michael Albert Beauregard, Calgary  
 Margaret Patricia Jane Browne, Edmonton  
 \*Agnes Gladys Buckles, Edmonton  
 Hilda Buza, Edmonton  
 Margaret Julina Calderwood, Edmonton  
 \*Donald Anthony Campbell, Edmonton  
 \*Frances Violet Capp, Edmonton  
 Maureen Lilian Christian, Edmonton  
 John Dennis Collins, Calgary  
 Arline Edna Crockford, Edmonton  
 Myrtle Jones Delany, Edmonton  
 James Garvey Donlevy, Edmonton  
 \*Betty Ewart Evans, Edmonton  
 Margaret Rose Fair, Edmonton  
 Ann Marie Gaszler, Raymond  
 Marie Ella Gazdarica, Tilley  
 \*Harold Alexander Greer, Edmonton  
 Janet Caroline Hammond, Pincher Creek  
 \*Lawrence Leon Harker, Edmonton  
 Henry William Hodysh, Edmonton  
 Isabelle Loretta Hoeber, Europe  
 Marvyn William Hogenson, Edmonton  
 \*Reginald Dale Jackson, Edmonton  
 James Perry Jones, Dewberry  
 \*Frances Mary Ellen Kapchinsky, Edmonton  
 Isobel Doreen Kennedy, Islay  
 \*Donald Wilson Knowles, Vancouver, B.C.  
 Stewart Charles Knox, Sherwood Park  
 Walter Kunkel, Stony Plain  
 Stella Helen Lazaruk, Edmonton  
 Mary Alice Lorraine Likuski, Burmis  
 Steve Lobay, Edmonton  
 Herbert Malcolm Lott, Edmonton  
 Audrey Margaret McBrien, Stettler

Viola Jean McNaughton, Didsbury  
 \*Georgina Joyce McPheeters, Cayley  
 Ernest George Mardon, Edmonton  
 \*Raymond Philippe Messier, Edmonton  
 \*John Mah Ming, Red Deer  
 Walter Garry Mitchell, Medicine Hat  
 \*Leo Joseph Mohler, Calgary  
 Walter Muir, Edmonton  
 Janet Catherine Neil, Burdett  
 Florence Eileen Otto, Mannville  
 Wilma Katherine Palmer, Edmonton  
 \*Elfleda Eltheo Peirce, Edmonton  
 \*Leo Narcisse Peltier, Camrose  
 \*Keith Sheraton Robson, Killam  
 Florence Rubin, Edmonton  
 Margaret Anne Ryder, Calgary  
 \*Father Henry Schaberger, Calgary  
 \*Father John Edward Schofield, Edmonton  
 John Wendele Shields, Edmonton  
 Beverly Faye Simmons, Medicine Hat  
 Lorraine Margaret Smallwood, Irma  
 \*Robert Albert Stearne, Calgary  
 Keith Philip Sterling, Wetaskiwin  
 Charles LeRoy Strickland, Calgary  
 Muriel Corinne Torgunrud, Edmonton  
 \*Andrena Tweedie, Calgary  
 Waldemar Renaldo Unruh, Calgary  
 Gary Conrad Vernon, Edmonton  
 \*Kathleen Joy Vickery, Calgary  
 Gail Julia Vincent, Pincher Creek  
 Mary-Rose Warren, Lundbreck  
 \*Frank Warwick, Calgary  
 Elizabeth Marian Whitney, Ralston  
 Elsie Joan Wilby, Edmonton  
 \*Ruth Oneta Willigar, Parrsboro, Nova Scotia  
 Beverly Joan Nygaard Wilson, Edmonton  
 Karen Ann Wolf, Redcliff  
 Geraldine Ann Marie Yagos, Burmis  
 Richard Lee Yuen, Edmonton

### *Admitted to the Degree of Bachelor of Education in Industrial Arts*

Glenn Howard Allen, Calgary

Donald Ivar Torstensen, Millet

### *Admitted to the Degree of Bachelor of Science in Pharmacy*

*Candidates presented by Professor M. J. Huston,  
 Dean of the Faculty of Pharmacy*

*With First-Class General Standing*

Rose Marianne Gebauer, Coaldale

Janet Emiko Russell, Edmonton  
Barbara Ann Short, Edmonton

Lev Borys, Leduc  
Julianna Mary Buza, Edmonton  
Donald Lloyd Carley, Edmonton  
\*Cameron Mannix Clandfield, Calgary  
Lois Margaret Clarke, Edmonton  
Margaret June Dribb, Goodridge  
Sandra Ann Dunnigan, Edmonton  
Jane Dzivinski, Edmonton  
Robert Edward Everson, Lethbridge  
Kathleen Gayle Forster, Lethbridge  
Ronald Roy Giles, Prince Albert, Sask.  
Irene Laverne Gilpin, Viking  
Jeffrey Masaru Higa, Lethbridge  
Wendy Joan Hobbs, Campsie  
Mary Angela Huot, Edmonton  
Murray Reginald Johnston, Medicine Hat  
George Douglas Jonson, Edmonton  
Anthony Valentine Kallal, Edmonton  
Sharon Louise Keneffly, Edmonton  
William Allen Kindrachuk, Morecambe  
Robert George Joseph Kinshella,  
Edmonton

Lawrence William Kotylak, Edmonton  
Iris Kotyshyn, Two Hills  
Ronald Glen Lang McCready, Calgary  
Ray Dennis Magus, Edmonton  
Judith Lorraine Malcolm, Innisfail  
Nicolle Mae Carene Nykiforuk, Edmonton  
James McKay Orr, Grande Prairie  
Patricia Louise Paris, Vulcan  
Gloria Ann Pillott, Berwyn  
Myrna Ilene Popove, Calgary  
Ross Preston Schmidt, Lacombe  
Lorraine Darling Marlene Schultz,  
Bashaw  
Judith Anne Scott, Edmonton  
Donna Kaye Stewart, Calgary  
Lionel Arthur Thibault, Edmonton  
Paul Emile Thibault, Edmonton  
Irene Lillian Wojciechowich, Edmonton  
James Arthur Wood, Edmonton  
Jean Lily Anne Zulak, Brooks

### *Admitted to the Degree of Bachelor of Commerce*

*Candidates presented by Professor H. Harries,  
Dean of the Faculty of Commerce*

Vida Irene Bajoras, Edmonton  
William Alexander Brennan, Calgary  
\*Robert Leigh Brintnell, Edmonton  
\*Charles Edward Butterfield, Calgary  
Frederick Kenneth Campbell, Edmonton  
Allan Fred Corenblum, Calgary  
Victor William Dzurko, Edmonton  
Brian Douglas Funnell, Edmonton  
\*Siegfried Friedrich Gaida, Edmonton  
William Einar Gilbertson, Edmonton  
Howard Henry Gilchrist, Maidstone, Sask.  
William Philip Gregorsky, Calgary  
\*Robert Banks Hamilton, Edmonton  
Allan Hawreliak, Willingdon  
Douglas Dawson Hollands, Edmonton  
Walter Herbert Holt, Lethbridge  
William David Howell, Calgary  
James Norman Martin Isakson, Camrose  
\*Nicholas Johns, Edmonton  
Orest Archie Karbonik, Calmar  
Robert Smeaton Kergan, Drumheller  
Natalka Mary Klybanowsky, Edmonton  
\*Normin Knight, Calgary

\*Leonard Kozak, Edmonton  
Robert Hon Wing Leong, Lethbridge  
John Lawson McAlister, Stettler  
Allan James McKinnon, Calgary  
Joan Anne McLean, Edmonton  
Donald Gordon MacWilliam, Edmonton  
Boyd Crosbie Marshall, Edmonton  
William Robert Mitchell, Edmonton  
Kenneth Douglas Rogers, Calgary  
Geoffrey Harold Saxton, Edmonton  
David Joseph Schmirler, Edmonton  
Gaylord Herbert Schmirler, Edmonton  
Clifford Joseph Small, Edmonton  
Cecil Lloyd Sorensen, Red Deer  
William Charles Stephen, Estevan, Sask  
William Hugh Donald Stewart, Vermilion  
Charles David Wainberg, Calgary  
John Frederick Wakulich, Edmonton  
Levern George Wasylynchuk, Edmonton  
Gary Bruce Webb, Edmonton  
William Devue Woolf, Edmonton  
Carole Ann Wright, Edmonton

### *Admitted to the Degree of Bachelor of Science in Nursing*

*Candidates presented by Professor R. L. McClure,  
Director of the School of Nursing*

Marilyn Islay Assheton-Smith, Ferintosh  
Sheila Hughes Brown, Canmore  
Anne Kathleen Chelak, Regina, Sask.  
Phyllis Margaret Craig, Edmonton  
Margaret Jeanette Evans, East Coulee  
Helena Mary Fitzgerald, Edmonton  
Grace Elenor Gordon, Edmonton  
Joanne Eleanor Graves, Edmonton  
Gwynne Elizabeth Gregg, Edson  
Mona Isobel Grindley, Edmonton

\*Esther Ruth Heidebrecht, Red Deer  
Rochelle Lee Katzin, Calgary  
Elaine Agnes King, Olds  
Mary Nancy Kuskie, Edson  
Joan Marie Manuel, Edson  
Jacqueline Ann Maxwell, Calgary  
Lindsay Ann Morrow, Edmonton  
Emelie Deanna Palmer, Edmonton  
Lavona Jean Parker, Edmonton  
Violet Christine Penney, Edmonton

Marilyn Joan Plewes, Edmonton  
 Jennie Ann Richmond, Faust  
 Phyllis Gene Roos, Edmonton  
 Marcella Dianna Schmaltz, Edmonton  
 Norma Winifred Strohschein,  
 Wetaskiwin

Marion May Swift, Rocky Mountain  
 House  
 Elisabeth Mary Thiel, Elmworth  
 Mabelle Jean Tingle, Edmonton

### *Admitted to the Degree of Bachelor of Science in Household Economics*

*Candidates presented by Professor E. L. Empey,  
 Director of the School of Household Economics*

*With First-Class General Standing*

Lora Louise Bacon, Edmonton

Geraldine Broadribb Bailey, Edmonton  
 Linda Ruth Claydon, Edmonton  
 Dorothy Helen Cowan, Lloydminster  
 Sask.  
 Gertrude Anne Gordon, Rose Lynn  
 Corinne Petrusia Marie Greschuk,  
 Edmonton  
 Joanne Mary Hobbs, Edmonton  
 Pauline Marie Lefebvre, Edmonton  
 Wilma Marie Losing, Hemaruka  
 Marjorie Mae Mason, Granum  
 Marilyn Anne Matthiessen, Heisler

Martha Caroline Munz, Edmonton  
 Marion Agnes Peers, Edmonton  
 Glenna Mildred Robins, Blackie  
 Louise Margaret Roose, Camrose  
 Vera Sawchyn, Grassland  
 Lillian Sharp, Edmonton  
 Iona Marie Shaw, Calgary  
 Judith Lavinia Urch, Lethbridge  
 Patricia Jean Wagner, Edmonton  
 Lillian Kathleen Warawa, Edmonton  
 Violet Rosemarie Wenger, Edmonton

### *Admitted to the Degree of Bachelor of Physical Education*

*Candidates presented by Professor M. L. Van Vliet,  
 Director of the School of Physical Education*

Monica Susan Beckman, Fenn  
 David Lawrence Burt, Devon  
 Laurence Lee Coyne, Edmonton  
 Anne Yukiko Hashizume, Medicine Hat  
 \*James Lea Hodgson, Hythe  
 June Colleen Jamison, Edmonton  
 Judith Myrna Kutt, Edmonton

\*William Thomas Lorenzen, Regina, Sask.  
 William Geoffrey Lucas, Edmonton  
 David Alexander Luchko, Andrew  
 Charles Thomas Reaume, Calgary  
 Lorna Elizabeth Saville, Edmonton  
 Ronald Douglas Tranter, Calgary

# Diplomas

## Diploma in Public Health Nursing

Candidates presented by Professor R. L. McClure,  
Director of School of Nursing

- |  |   |
|--|---|
| *Helene Marie Caufield, Sault Ste. Marie,<br>Ontario | Marlene Dolores Murray, Canyon Creek      |
| Ruby Doreen Crabb, Radisson, Sask.                   | Dorothy Edna Phipps, Calgary              |
| Carol Nancy Dean, Edmonton                           | Agnes Christina Short, Lethbridge         |
| Elizabeth Ann Friedel, Edmonton                      | *Kathleen Amelia Jean Smallface, Brosseau |
| Gloria Ruth Huber, Olds                              | *Evelyn Marie Talpash, Edson              |
| *Phyllis Germaine Kabage, Brosseau                   | Lois Margaret Watkins, Olds               |

## Diploma in Teaching and Supervision in Schools of Nursing

- |   |  |
|---|--|
| *Norma Jean Andersen, Tilley                  | *Mary Elizabeth MacGillivray, Edmonton               |
| *Ann Carley Augusta, Camrose                  | Jane Alexandra Montgomery, Edmonton                  |
| Florence Elizabeth Backman, Kamloops,<br>B.C. | *Florence Elsie Morrison, Beaverlodge                |
| Clare Aileen Cook, Lethbridge                 | *Frances Leone Reed, Edmonton                        |
| *Lillias Irene Holland, Edmonton              | Charlotte Lauralee Root, Edmonton                    |
| *Elva Jeanne Hunt, Lethbridge                 | Mary Anne Schreiner, Edmonton                        |
| Celeste Catherine Koskovich, Lethbridge       | *Anna Mae Stewart, Claresholm                        |
| *Adeline Lapicki, Mundare                     | *Marian Elizabeth Margaret Wilson,<br>Wapella, Sask. |

The General Faculty Council of the University has also approved the award of diplomas to the following students who do not attend Convocation:

## Diploma in Nursing

- |  |  |
|--|--|
| Shirley Ione Hay Anholt, Carbon                      | Doreen Carol Wilkinson Leicht, Leduc               |
| Lesley Marjory Rose Beattie, Swift<br>Current, Sask. | Elizabeth Leitch Mathieson, Edmonton               |
| Gloria Marjorie Brus, Edmonton                       | Doris Pearl Munro, Innisfail                       |
| Marie Helen Casavant, Calgary                        | Doris Noreen McTavish Olenyk, Stony<br>Plain       |
| Lydia Cecelia Childs, Calgary                        | Shirlee Mae Osetsky, Coronation                    |
| Audrey Frances Duggan, Edmonton                      | Elaine Doreen Wright Parry,<br>Lloydminster, Sask. |
| Joanne Elizabeth Draayer Fisk,<br>Wetaskiwin         | Barbara Ruth Ann Purin, Edmonton                   |
| Margaret Luise Friesen, Vauxhall                     | Faye Louise Speer, North Edmonton                  |
| Sharon Lauren Hall, Athabasca                        | Corinne Olive Turner, Edmonton                     |
| Annie Sonia Hudz, Sexsmith                           | Marian Lovejoy Witherspoon, Stony Plain            |
| Penelope Kellam, Edmonton                            | Elaine Isabel Wright, Exshaw                       |
| Loretta Mavis Kyle, Edmonton                         | Ardith Ann Zilke, Westakiwin                       |

## MUSIC

### Associate Diploma in Music

- Father Wolfgang Heinz Otto Bottenberg (Pianoforte-Performer, Honors), Calgary  
Isobel Patricia Clowes (Singing-Teacher, Pass), Edmonton  
Louise Antoinette Dupuis (Pianoforte-Solo Performer-Teacher, Honors), Edmonton  
Janet Clark Hunt (Pianoforte-Teacher, Pass), Edmonton  
Patricia Olcen Toombs (Organ-Performer, Pass), Edmonton  
Eileen Allwood Turner (Singing-Teacher, Pass), Edmonton  
Erin Louise Wood (Singing-Performer, First-Class Honors), Edmonton

### Licentiate Diploma in Music

- Kathleen Lynne Newcombe (Pianoforte), Edmonton

### Intermediate Diploma in Art

- |                                |                               |
|--------------------------------|-------------------------------|
| Malcolm Jaro Andrews, Edmonton | Ruth Leah Promislow, Edmonton |
| Ihor Dmytruk, Edmonton         | Per Gorm Rasmussen, Edmonton  |
| Margaret Rose Kitsco, Edmonton |                               |

## PROFESSIONAL CERTIFICATION

### CERTIFICATES OF POSTGRADUATE QUALIFICATION IN MEDICINE

#### *Internal Medicine*

Dr. Cameron George Hill  
Dr. Ian Hugh Holmes  
Dr. William Eugene J. Pourbaix  
Dr. Gordon Leonard Robertson

Dr. Richard William Sherbaniuk  
Dr. Christopher James Varvis  
Dr. James Ramsay Weir

#### *Psychiatry*

Dr. John Theodore Gibbs  
Dr. Andrew Neil McTaggart  
Dr. Maurice Benn Moore

Dr. James Thompson  
Dr. Henry-Marian Wojcicki

#### *Paediatrics*

Dr. Murray Charles Colwell  
Dr. Gordon William A. Selby

Dr. Edward James Turner  
Dr. George Everett Eddy

#### *Diagnostic Radiology*

Dr. Irvine Donald Hendin  
Dr. John Townsley Mason

Dr. Montague Philip Neaman  
Dr. Barry Victor Evans

#### *Therapeutic Radiology*

Dr. Edwin Rochester Smith

#### *Anaesthesiology*

Dr. Edgar George Diamond  
Dr. Frank Cecil Haley

Dr. Ebba Kirkebeck  
Dr. Alan McLean Keil

#### *Physical Medicine*

Dr. Michael Trevor Falls Carpendale

#### *General Surgery*

Dr. Frank Duff  
Dr. Frans Barend C. Gouws  
Dr. Harry Alexander Hyde

Dr. Ian William A. McFarland  
Dr. Andreas E. T. Thomsen

#### *Rhino-Oto-Laryngology*

Dr. Leslie Joel Phillips

#### *Obstetrics and Gynaecology*

Dr. Norris Ralph Bertrand  
Dr. Matthew Davis  
Dr. Donald James Murray  
Dr. Jeremiah Gerard O'Sullivan

Dr. Charles Alexander Ringrose  
Dr. H. Ovas Wagg  
Dr. Edward J. L. Fish

#### *Urology*

Dr. William Hall Lakey

#### *Orthopaedic Surgery*

Dr. William Gerard De Haas

Dr. Glen Elmer Edwards

#### *Plastic Surgery*

Dr. Erwyn Wallace Bissell  
Dr. William Albert Fowlow

Dr. Harry Scott Thomson

### CERTIFICATE OF POSTGRADUATE QUALIFICATION IN DENTISTRY

#### *Orthodontics*

Dr. Ronald Perry Mullen

#### *AGROLOGY*

OCTOBER, 1960  
Evanochko, Michael

NOVEMBER, 1960  
Asplund, John Malcolm  
Ball, Aldon Gordon  
Clegg, Lawrence F. L.  
DesChamps, Allan

Jones, Lawrence Trevor  
Lawrence, Vern Stanley  
Yule, Lorne Stuart

JANUARY, 1961

Cameron, Melvin Arthur  
Merriman, Mo

Molnar, Steve  
Warne, Joseph Henry

FEBRUARY, 1961

Madill, John Wallace

MARCH, 1961

Hughes, George Steven

ARCHITECTURE

DECEMBER, 1960

Long, John W.

ENGINEERING

NOVEMBER, 1960

Adams, Peter Frederick Gordon  
Allyne, Arthur Barnard  
Coady, Arthur Bernard  
Evanoff, Stephen  
Geis, Elmer Lee  
Geisler, C. B.  
Gillanders, Robert William  
Gordon, Norman Francis  
Gregory, James Nathaniel  
Innes, Albert M.  
Kathol, Bernard William  
Kennedy, Lucien J.

Kern, James Donald  
Lewis, Gerald Henry  
Mason, R. J.  
McCormack, Harold R.  
Nicholson, Irving Neil  
Parry, Kenneth John  
Schroder, Charles Edward  
Seale, Garfield Winston  
Sutcliffe, Robert Fred  
Varzelioti, A. N.  
Vaughan, Delmi Arthur

DECEMBER, 1960

Balazs, Bela  
Bowersock, James N.  
Buckie, LeRoy S., Jr.  
Derbowka, Glenn C.  
Dillon, Larry S.  
Doby, G.  
Dutton, William N.  
Gray, Henry  
Hegwer, John S.  
Maier, Leonard F.  
Manley, Harold W.  
Masson, William B.

Matheny, W. F.  
MacGregor, James Grierson, Jr.  
McDade, George H.  
Richardson, Bruce Alfred  
Schulte, Lloyd Jacob  
Sears, James Robert  
Shouldice, S. P.  
Thompson, D. W.  
Thompson, Lorne Russel  
Westlake, John Henry  
Woloshyn, Peter  
Woznow, Leon John

JANUARY, 1961

Balch, Emmet, H., Jr.  
Barkley, George H.  
Beamish, Robert A.  
Beardmore, Michael T. W.  
Blanchflower, Colin A.  
Blott, Art J.  
Botar, Oliver  
Cameron, Alexander B.  
Cameron, Donald J.  
Chapman, Harold S.  
Clark, Robert J.  
Cork, Gary Alan  
Cummer, Roy  
Cutmore, Trevor P.  
Drewett, George I. H.  
Duncan, David J.  
Dykstra, F. R.  
Eaglesham, Robert J.  
Fedor, Frank, Jr.  
Forgie, Robert J.  
Golder, Hugh Quintin  
Hall, Arthur G.

Hebbert, Robert H. B.  
Hedges, Gunn N.  
Hovdebo, Harold R.  
Hunt, John George  
Jones, William H.  
Kawulka, Paul  
Kettlewell, Kenneth R.  
Kindred, Herbert G.  
Kloepfer, Clarence V.  
Lockwood, Charles M.  
Maduke, Bohdan I.  
MacCalder, Allan A.  
MacMillan, John A.  
Nisco, John F. A.  
Paugh, Robert B.  
Peacock, Harold E.  
Poole, Kenneth  
Powlan, Frank  
Schulz, William  
Serafini, Redo  
Spaapen, John  
Spice, Edward N.

Sumner, Robert J.  
Trott, Peter Lawson  
Usher, John L.

Wong, Stanley H.  
Wright, Walter G.

#### FEBRUARY, 1961

Bailey, Dale A.  
Barnes, Charles A.  
Birrell, J. K.  
Cooke, Bradford D.  
Dick, William  
Dishaw, Harvey E.  
Fekete, Tibor  
Gateman, J. C.  
Goodmundson, John  
Korns, Edwin

Lunney, Russell I.  
Odasz, Francis B.  
Parker, Eric Ross  
Potter, Andrew E.  
Riley, W. D.  
Shepetys, Stanley  
Taciuk, William  
Wilson, George A.  
Zonda, Paul  
Zwicky, R. W.

#### MARCH, 1961

Barry, Edward J.  
Batt, Raymond A.  
Belliveau, Patrick H.  
Bentssn, Norman W.  
Bird, Stuart F.  
Blain, John H.  
Britton, James R.  
Brusset, Michael J.  
Bussard, Leonard G.  
Delves, Herbert T.  
Drysdale, Gerald E.  
Fisher, William E.  
Frederick, Arnold C.  
Garrison, Barney D., Jr.  
Klinck, Norman E.  
Knight, Joseph R.  
Koenig, Robert J.  
Last, Garfield J.  
MacIntosh, Roy M.

Mainland, Glenn G.  
Munro, Gordon L.  
Mulherin, James K. C.  
Munch, W. George  
Peddie, Robert W.  
Quan, David F.  
Scheidegger, Adrian E.  
Spaetgens, Harold C.  
Stromsmoe, Keith A.  
Swerdfeger, John H.  
Thomas, Clifford E.  
Toth, Arpad  
Totozollo, Bela  
Umiker, Roland S.  
Walker, Edward L.  
Williams, Desmond  
Young, Philip G.  
Zelman, Maier I.  
Zowtiak, John

#### APRIL, 1961

Adderson, James N.  
Aitken, John A.  
Aufmuth, Raymond B.  
Babet, Fred H.  
Barratt, Herbert J.  
Bird, Robert A.  
Bryski, Mitchell M.  
Burton, Cecil D.  
Condy, Arnold A.  
Currie, Matthew M.  
Ebel, Walter W.  
Filan, Edward E.  
Frost, Norman E.  
Hall, Frederick T.  
Halvorson, William G.  
Howlett, William E.  
Jackson, Ronald R.  
Jones, Owen  
Keiyki, Mitchell S.

Kilik, Morris E.  
Kirst, William J.  
Lepine, Maurice  
Mahura, Donald M.  
Melnik, John  
Parish, Ronald P.  
Pullin, Norman E.  
Raleigh, James T.  
Richards, David W.  
Siferd, John H.  
Simr, Celestin J.  
Smith, Glenn R.  
Smith, Michael A.  
Urbat, Heinz  
Ward, Dennis E.  
Wilson, Ernest F.  
Wilson, Owen J.  
Zandmer, S. Myron

#### OCTOBER, 1960

Akesode, Alade A.  
Babie, Theodore L.  
Butler, Michael E.  
Charters, John  
Davis, Arthur M.

#### LAW

Hyndman, Louis D.  
Jha, Birendra K.  
Kennedy, William H.  
LeGault, Leonard H.  
Lewis, James L.

Macdonald, Ronald C.  
O'Brien, Allan R.  
O'Sullivan, Emily  
Piasta, Edward  
Ross, Neil A.

Schumacher, Stanley S.  
Snychuk, Lawrence M.  
Tucker, William G.  
Wildeman, Lorne W.

## NURSING

### JANUARY, 1961

Ainsworth, George-Ann E.  
Aitken, Barbara Joan  
Anholt, Shirley Ione Hay  
Bates, Joan  
Beattie, Lesley Marjorie Rose  
Brooks, Donna Marie  
Brus, Gloria Marjorie  
Burgardt, Shirley Marie  
Casavant, Marie Helen  
Childs, Cecelia Lydia  
Christophers, Dorothy  
Couillard, Shirley A. L.  
Cunningham, Sharan  
Cushing, Joy Mae  
Damsgard, Frances Mae  
Denning, Catherine Corrigan  
Duggan, Audrey Frances  
Dunne, James  
Erickson, Shiron Joan Elaine  
Ewasiuk, Ivy  
Fisk, Joanne Elizabeth Draayer  
Friesen, Margaret Luise  
Gelety, Anne  
Girling, Doreen  
Goerzen, Maria  
Hall, Sharon Laureen  
Hanson, Arlene Hilora  
Hauck, Mona Jean  
Herter, Alfreda Gladys  
Hogg, Marjorie  
Hudz, Annie Sonia  
Johnston Annabel Coghill  
Kellam, Penelope  
Keushnig, Barbara Trudy  
Kickam, Lloyd Ellen  
King, Martha Amy  
Krebes, Donna  
Kyle, Loretta Mavis  
Larson, Myrna Ann  
Leader, Charlotte Marie  
Leicht, Doreen Carol  
Lindsay, Rosella May  
Lloyd, Jean Marie  
Lucas, Margaret D.

Luhmert, Ingo  
Macdonald, Mary  
McEwan, Marjorie Anne  
McGlynn, Lucille Helen  
McTavish, Doris Noreen  
Marvin, Eva Margot  
Mathieson, Elizabeth Leitch  
Mayan, Esther P.  
Mercer, Arlene Rae  
Milne, Jean Kathleen  
Moen, Lois Ann  
Montgomery, Darlene M.  
Munro, Doris Pearl  
Nepstad, Cleo Patricia  
Osetsky, Shirlee Mae  
Osness, Delores  
Overman, Verta Maybelle  
Page, Mary Elizabeth Amy  
Pankow, Heide Maria  
Prins, Aafje Anje  
Pugh, Margaret Ethel  
Purin, Barbara Ruth Ann  
Quinn, Mildred Irene  
Roberts, Joyce Mary  
Smith, Shirley  
Solowoniuk, Helen  
Somers, Joyce Karen  
Speer, Faye Louise  
Stambaugh, Donna  
Stambaugh, Elaine  
Stokkan, Arlene Marie  
Szczurowski, Sophie  
Timanson, Helen  
Trochanowski, Katherine  
Turner, Corinne Olive  
Wells, Reta Patricia  
Williams, Magwen  
Wilmott, Carol Margaret  
Witherspoon, Marian Lovejoy  
Wright, Elaine Doreen  
Wright, Elaine Isabel  
Yaremkevich, Josie  
Ziebart, Carol Agatha  
Zilke, Ardith Ann

## PHARMACY

### NOVEMBER, 1960

Tucker, Lionel  
Hintz, Ernest Arthur

### DECEMBER, 1960

McDonald, Robert Edward

### MARCH, 1961

Bogdanow, Erika B.  
Degnan, Harold L.

Siska, Margaret O. E.

Hamm, Margaret O. B.  
Morrison, Joan W.

VETERINARY MEDICINE

AUGUST, 1960

Hogan, Robert H.

Hopf, Herman C.

NOVEMBER, 1960

Strother, Charles W.

Randlesome, Anthony

JANUARY, 1961

Ganchev, Boris S.

FEBRUARY, 1961

Bisschop, Gysbert H.

MARCH, 1961

Seawright, David







